"Receipt date: 04/04/2005

Sheet 1

Substitute for form 1449/PTO

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Attorney Docket Number | 3348/2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMS control number Complete if Known

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) of 2

/Nicole Kinsey/

Application Number 10/520,016 Filing Date 12/29/2004 First Named Inventor Okada Hidechika Art Unit Examiner Name

|                       |              |   | U. S. PATENT D                                   | DOCUMENTS  |  |
|-----------------------|--------------|---|--|--|--|
| Examiner<br>Initials* | Cite<br>No.1 | Document Number                         | Publication Date<br>MM-DD-YYYY                   | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevan<br>Figures Appear |
|                       |              | Number-Kind Code <sup>2 (F known)</sup> |  |  | Figures Appear   |
|                       |              | US-                                     | 1  |  |  |
|                       |              | US-                                     |  |  |  |
|                       | 1            | US-                                     |  |  |  |
|                       | <b>-</b>     | US-                                     |  |  |  |
|                       | <b></b> -    | US-                                     |  |  |  |
|                       |              | US-                                     |  |  |  |
|                       |              | US- ,                                   | 1  |  |  |
|                       |              | US-                                     | -  |  |  |
| -                     |              | US-                                     | 1  |  |  |
|                       |              | US-                                     |  |  |  |
|                       |              | US-                                     | <del>                                     </del> |  |  |
|                       |              | US-                                     |  |  |  |
|                       | -            | US-                                     | 1  | •  |  |
|                       |              | US-                                     |  |  | 1  |
|                       |              | US-                                     |  |  |  |

|                       |              | FOREIGN   | PATENT DOCL         | IMENTS   |   |                |
|-----------------------|--------------|---|---------------------|--|---|----------------|
| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document   | Publication<br>Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |                |
|                       |              | Country Code <sup>3</sup> 'Number <sup>4</sup> 'Kind Code <sup>5</sup> (if known) | MM-DD-YYYY          |  | Or Relevant Figures Appear                        | T <sup>6</sup> |
|                       | 1            | WO97/22361  | 06-26-1997          | Otsuka Abstra                                      | act only  |                |
|                       |              |   |                     |  |   |                |
|                       |              |   |                     |  |   |                |
|                       |              |   |                     |  |   | Щ              |
|                       | _            |   |                     |  |   |                |
|                       |              |   |                     |  |   |                |

Signature "EXAMINER: Initial if reference considered, whether or not clasion is in conformance with MPEP 609. Draw line through clation if not in conformance and not considered, include copy of this form with not communication to applicant. Applicant's unique clation designation number (cotions). "See Kinds Codes of UNEPP Potal Comments at <a href="https://www.sept.com/www.sep Translation is attached

Transition is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to late 8 June to complete, including galbering-preparing, and suffring the completed explication from to the USPTO. Then will vary depending upon the individual case. Any comments on the amount of time you require to complete this form ander suggestions for mode upon the underen, about the sent to the Chief Information Officer, U.S. Patent and Tadedranck Office, P.O. Box 1459, Assamding, NY 2313-140. DO NOT SENDE SES OR COMPLETED FORMIS TO THIS ADDRESS. SENDER. TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Date Considered

04/05/2010

\*Receipt date: 04/04/2005

PTO/SB/06B (08-03) Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| Uni      | der the Paperwork Red | uction A  | ct of 1995, no persons a | e required to respond to a collection | of information unless it contains a valid OMB control numb | er. |  |
|----------|-----------------------|-----------|--------------------------|---------------------------------------|--|-----|--|
| Substitu | te for form 1449/PTO  |           |                          | Complete if Known                     |  |     |  |
|          |                       |           |                          | Application Number                    | 10/520,016   |     |  |
|          |                       |           | CLOSURE                  | Filing Date                           | 12/29/2004   | _   |  |
| STA      | TEMENT B              | BY A      | PPLICANT                 | First Named Inventor                  | Okada, Hidechika   |     |  |
|          | (Use as many she      | oto oo s  |                          | Art Unit                              |  | _   |  |
|          | (Use as many sne      | 013 03 11 | ocossary)                | Examiner Name                         |  | _   |  |
| Sheet    | 2 .                   | of        | 2                        | Attorney Docket Number                | 3348/2   | _   |  |

|                       |              | NON PATENT LITERATURE DOCUMENTS  |      |
|-----------------------|--------------|--|------|
| Examiner<br>Initials* | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  | T²   |
|                       | 2            | OKADA et al., "Tosa Kugen GM2 ni Taisuru Hito-gata IgM Kotar no Ko-HIV<br>Kassel", Nagova Shiritsu Delgaku igakukai Zassni, 1999, Vol. 50, No. 1/2, pg. 9-13   |      |
|                       | 3            | XIAOSHAN et al., "The IgM antibody level against ganglioside GM2 correlates to the disease status of HIV-1-infected patients" Microbiology & Immunology 2000, Vol. 44, No. 5, Dg. 405 – 410  |      |
|                       | 4            | OKADA et al., "Human IgM monocional antibody to ganglioside GM2 and complement suppress yinus propagation in ex-vivo cultures graymphocytes from HIV-1 infected patients, 2 immun. "In the control of the | 3-72 |
|                       | 5            | ASAI et al., "RIV-1 Kansen-Seibo ni Hanno suru IgM Kotai no Hotal Keeseikanu to Amino-san<br>Hairetsu tono Kanrenser," Hotal Symp Minen-Bernar Desys Cakkai Godo Cakujutsu Shukai<br>Koonshu 2002, VO1 3, NOS. 3–9, pg. 35   |      |
|                       |              |  |      |
|                       |              | :  |      |
|                       |              |  |      |
|                       |              |  |      |
|                       |              | ·  |      |
|                       |              |  |      |

| Examiner<br>Signature   | /Nicole Kinsey/ | Date<br>Considered | 04/05/2010 |  |  |
|---|-----------------|--------------------|------------|--|--|
| *EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not |                 |                    |            |  |  |

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Times will vary depending upon the individual cases. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Indianos (Chief, U.S.) Patent and Trademark Office, P.O. Box 1456, Vesswandris, VA 2331-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS RODRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.